

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 1-703-872-9318 on June 27, 2003.

**PATENT**  
Attorney Docket No.: 015114-054910US  
Altera Ref. No.: A722

TOWNSEND and TOWNSEND and CREW LLP

By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

S/A Amdd  
2-803  
A.Well

In re application of:

Xiaobao Wang et al.

Application No.: 10/044,365

Filed: January 11, 2002

For: ON-CHIP IMPEDANCE  
MATCHING CIRCUIT

Examiner: Daniel D. Chang

Technology Center/Art Unit: 2819

AMENDMENT

FAX RECEIVED

JUN 27 2003

TECHNOLOGY CENTER 2800

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 27, 2003, please enter the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 8 of this paper.

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

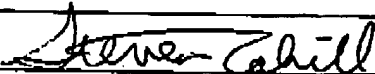
<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/044,365	
	Filing Date	January 11, 2002	
	First Named Inventor	Wang, Xiaobao	
	Art Unit	2819	
	Examiner Name	Daniel D. Chang	
Total Number of Pages in This Submission	12	Attorney Docket Number	015114-054910US

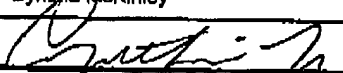
<b>ENCLOSURES (Check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (11 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 2D-1430.

FAX RECEIVED

JUN 27 2003

TECHNOLOGY CENTER 2800

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual	Townsend and Townsend and Crew LLP Steven Cahill Reg. No. 44,578
Signature	
Date	June 27, 2003

<b>CERTIFICATE OF MAILING</b>	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office to Examiner, Daniel D. Chang, Fax No. (703) 872-9318 on June 27, 2003	
Typed or printed name	Cynthia McKinley
Signature	
Date	June 27, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PA 3314851 v1

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-796-9199) and select option 2.

Atty Docket No. 015114-054910US

PTO FAX NO.: 1-703-872-9318

ATTENTION: Examiner Daniel D. Chang

Group Art Unit 2819

**OFFICIAL COMMUNICATION  
FOR THE PERSONAL ATTENTION OF  
EXAMINER DANIEL D. CHANG**FAX RECEIVED  
JUN 27 2003**CERTIFICATION OF FACSIMILE TRANSMISSION** TECHNOLOGY CENTER 2800

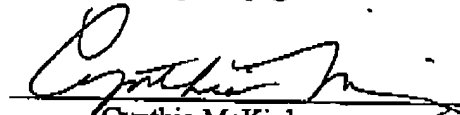
I hereby certify that the following documents in re Application of Xiaobao Wang et al., Application No. 10/044,365, filed January 11, 2002 for ON-CHIP IMPEDANCE MATCHING CIRCUIT are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Amendment (11 pages)
2. Transmittal Form (1 page)

Number of pages being transmitted, including this page: 13

Dated: June 27, 2003

  
Cynthia McKinley**PLEASE CONFIRM RECEIPT OF THIS PAPER BY  
RETURN FACSIMILE AT (415) 576-0300**

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, CA 94111-3834  
Telephone: 650-326-2400  
Fax: 650-326-2422

PA 3314849 v1